

INTRA-LUMINAL DEVICE FOR GASTROINTESTINAL STIMULATION

ABSTRACT

An intra-luminal device for gastrointestinal electrical stimulation is self-powered and self-contained within a capsule-like housing, and is capable of non-surgical implantation within the patient. The device includes an implantable pulse generator and one or more electrodes mounted within a common device housing. The device housing is capable of endoscopic introduction to a desired location within the gastrointestinal tract, such as the stomach, via the esophagus. The device may be appropriate for short-term, mid-term or trial stimulation applications.